

Converting Colors

HunterLab(63.1772, -36.1584,
23.0748)

Have a look what the booklet for
HunterLab(63.1772, -36.1584,
23.0748) contains.

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Color

**HunterLab(63.1772,
-36.1584, 23.0748)**

Conversions

Conversions Part 1

Format	Color
Hex	64BC73
RGB	100, 188, 115
RGB Percent	39%, 74%, 45%
CMY	0.6078, 0.2627, 0.5490
CMYK	0.47, 0.00, 0.39, 0.26
HSL	130°, 40%, 56%
HSV	130°, 47%, 74%
XYZ	26.3333, 39.9136, 22.5358
YIQ	153.3660, -29.0150, -41.3590

Conversions

Conversions Part 2

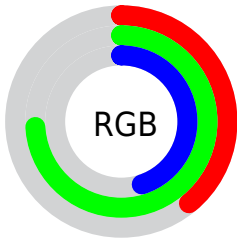
Format	Color
RYB	100, 175, 188
Decimal	6601843
CIELab	69.41, -42.18, 28.95
CIElCh	69, 51.162, 145.537
Yxy	39.9152, 0.2966, 0.4496
Android (android.graphics.Color)	4284791923 (0xFF64BC73)
YUV	153.3660, -18.9144, -46.8020
Hunter-Lab	63.1772, -36.1584, 23.0748

Details

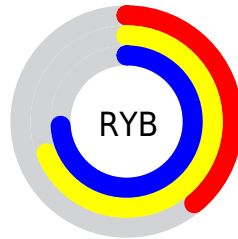
The HunterLab color $63.1772, -36.1584, 23.0748$ is a dark color, and the websafe version is hex $66CC99$. A complement of this color would be $47.7741, 39.0977, -18.9442$, and the grayscale version is $56.6723, -3.0239, 3.0791$.

A 20% lighter version of the original color is $86.6606, -41.9987, 27.3192$, and $42.3759, -29.9086, 18.3766$ is the 20% darker color. If you saturate the color by 10%, you get $62.1569, -40.8110, 26.2290$, and if you desaturate by 10%, it is $64.4234, -30.6328, 19.5307$.

Distribution



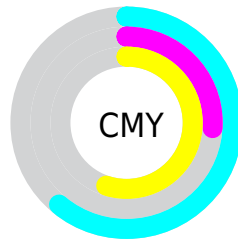
- Red (39%)
- Green (74%)
- Blue (45%)



- Red (39%)
- Yellow (69%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (39%)
- Black (26%)



- Cyan (61%)
- Magenta (26%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1772, -36.1584, 23.0748 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 63.1772, -36.1584, 23.0748 by changing the saturation by 10% instead.

■ 63.1772, -36.1584,
23.0748

■ 63.1772, -36.1584,
23.0748

185.9479,
-59.8435, 41.4010

■ 52.4142, -33.1222,
20.7971

■ 86.6224, -41.8768,
27.4083

■ 42.3419, -29.9220,
18.4146

■ 99.2369, -44.6016,
29.4938

■ 33.0130, -26.5075,
15.8941

■ 112.4105,
-47.2580, 31.5396

■ 24.4922, -22.8001,
13.1869

■ 126.1203,
-49.8575, 33.5537

■ 16.8650, -18.6721,
10.6963

140.3461,
-52.4090, 35.5423

■ 10.2517, -17.9405,
7.1762

155.0700,

0.0000, NaN, NaN

-54.9200, 37.5105

0.0000, NaN, NaN

170.2755,
-57.3965, 39.4622

0.0000, NaN, NaN

■ 63.1772, -36.1584,
23.0748

■ 63.1772, -36.1584,
23.0748

■ 62.1569, -40.8110,
26.2290

■ 64.4234, -30.6328,
19.5307

■ 61.3533, -44.5587,
28.9576

■ 65.8929, -24.2844,
15.6376

■ 60.7574, -47.4040,
31.2382


■ 67.5850, -17.1844,
11.4438

■ 60.3537, -49.3842,
33.0612


■ 69.4947, -9.4142,
6.9986


■ 60.1169, -50.5907,
34.4300


■ 71.6150, -1.0596,
2.3506

 60.0604, -50.8804,
34.7659

 73.9373, 7.7942,
-2.4550

 76.4518, 17.0661,
-7.3774

 79.1481, 26.6823,
-12.3811

 80.2795, 31.3282,
-19.8557

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.1785, -21.5084, 31.0287



63.1772, -36.1584, 23.0748



63.1785, -42.0398, 6.6582

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



63.1785, -36.1594, 23.0753



63.1785, -6.8143, -55.3186



63.1785, 42.2161, 19.1575

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



63.1772, -36.1584, 23.0748



47.7741, 39.0977, -18.9442

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.1785, 47.6368, 0.0409



63.1772, -36.1584, 23.0748



63.1785, 17.0680, -48.2005

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



63.1785, -36.1594, 23.0753



63.1785, -26.7259, -42.6102



63.1785, 37.8542, -25.6562



63.1785, 23.9544, 29.4075

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.1772, -36.1584, 23.0748



63.1785, -40.9225, -9.0408



63.1785, 37.8542, -25.6562



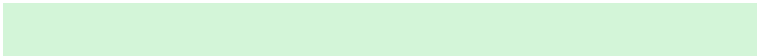
63.1785, 45.7034, 13.7993

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



63.1785, -36.1594, 23.0753



91.6189, -20.5171, 13.8917



67.6837, -19.3051, 30.8067



42.2389, -10.5327, 7.0308



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.1785, -36.1594, 23.0753



83.6629, -55.0010, 35.3525



64.1632, -30.3036, 8.8356



32.6733, -5.4237, 3.8607



49.5649, -41.9336, 28.5708



9.8521, -8.0340, 5.0288

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.7741, 39.0977, -18.9442



59.4008, 64.4119, -30.8506



46.2605, 32.0313, 2.2977



31.0928, 2.1827, -0.4358



29.8698, 56.6525, -23.3311



5.9749, 11.4347, -5.4615

Previews

White Background



This preview shows how the HunterLab color 63.1772, -36.1584, 23.0748 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 63.1772, -36.1584, 23.0748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

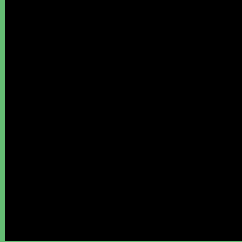
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.1772, -36.1584, 23.0748 Background



This preview shows how black text looks on a background with the HunterLab color 63.1772, -36.1584, 23.0748.



This preview shows how white text looks on a background with the HunterLab color 63.1772,

-36.1584, 23.0748.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

63.1772, -36.1584, 23.0748

Protanopia

62.5572, -6.2256, 25.2551

Deuteranopia

62.5696, 4.6602, 21.4957



Tritanopia

63.1446, -16.9857, -8.7603

Trichromacy



Original Color

63.1772, -36.1584, 23.0748



Protanomaly

62.0951, -18.7445, 23.8491



Deuteranomaly

61.9276, -12.6703, 21.2282



Tritanomaly

62.8904, -24.6971, 4.7610

Monochromacy



Original Color

63.1772, -36.1584, 23.0748



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

58.4849, -16.5002, 10.9869

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1772, -36.1584, 23.0748 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(100, 188, 115)` looks like.

```
.text, #text, p{  
    color:rgb(100, 188, 115)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(100, 188, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 188, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1772, -36.1584, 23.0748 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(100, 188, 115) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(100, 188, 115) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(100, 188, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 188, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 188, 115);  
box-shadow:4px 4px 4px 4px rgb(100, 188,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1772, -36.1584, 23.0748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 188, 115) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(100,  
188, 115) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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